

## **ABSTRACT OF THE DISCLOSURE**

A system for detecting a milk surge in a mother's breast has a breast pump with a breast shield for expressing milk from the breast, a collecting container, for receiving the milk  
5 expressed, and a unit by means of which a quantity of milk received in the collecting container is determined as a function of time. This system makes it possible to detect the point in time and also the intensity of the milk surge. Application areas are research, in order to gain new knowledge about the breast-feeding behavior of babies and mothers, hospitals and child welfare clinics, in order to resolve breast-feeding problems, and development  
10 departments, for the purpose of optimizing breast pumps.